



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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SOUTH DAKOTA, West

Custer County

22 W Custer to 12 SW Custer	01 08	0000MST 1700MST			0	0	500K		Lightning
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Two large lightning fires ignited on July 30 and continued until Aug 8. The two fires grew until they were only a few miles apart in Custer County. No injuries were reported, however 26,800 total acres burned with these two fires. One historic cabin, seven out buildings, and one seasonal residence were destroyed. 1000 people fought this fire. During the week-long fire, over 173 hours of flight time were logged among numerous aircraft. 400,000 gallons of water was dropped from aircraft along with 357,000 gallons of fire retardant.

Jackson County

6 E Wanblee	03	1325MST 1330MST			0	0	0		Hail (0.75)
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Jackson County

13 SE Interior	03	1405MST			0	0	0		Hail (1.00)
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Jackson County

Cedar Pass	03	1415MST 1430MST			0	0	0		Thunderstorm Wind (G52)
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Perkins County

8 WNW Usta	08	1550MST			0	0	0		Thunderstorm Wind (G52)
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Lawrence County

7 N Deadwood	08	1615MST			0	0	0		Hail (1.75)
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Perkins County

10 S White Butte	08	1630MST			0	0	0		Hail (0.75)
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Perkins County

10 S White Butte	08	1640MST			0	0	0		Hail (1.75)
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Pennington County

3 N Sheridan	12	1425MST			0	0	0		Hail (0.75)
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Custer County

15 W Custer	12	1625MST			0	0	0		Hail (1.00)
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Custer County

20 W Custer	12	1800MST			0	0			Flash Flood
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Flash flooding occurred through Buck Springs & Gillette Canyons. Normally dry creek beds had water flowing from 18 inches to 4 feet deep and from 6 feet to 20 feet wide. Excessive run-off from scorched earth of the Jasper fire of 2000 contributed more to the flooding than did heavy rainfall.

Pennington County

Caputa	13	2315MST			0	0	0		Hail (1.00)
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Pennington County

2 N Farmingdale	13	2359MST			0	0	0		Hail (1.00)
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Fall River County

3 N Edgemont	14	0000MST			0	0	0		Hail (0.88)
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Perkins County

11 SE Zeona	14	1515MST			0	0	0		Hail (0.88)
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Butte County

9 E Castle Rock	14	1530MST			0	0	0		Hail (1.00)
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Meade County

10 SW Maurine	14	1605MST			0	0	0		Thunderstorm Wind (G52)
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SOUTH DAKOTA, West

Pennington County 2 W Keystone	15	1447MST 1453MST			0	0	0		Hail (0.75)
Pennington County Rockerville	15	1505MST			0	0	0		Thunderstorm Wind (G52)
Lawrence County 4 NW Nemo	20	1546MST 1552MST			0	0	0		Hail (0.88)
Lawrence County 4 N Nemo	20	1645MST			0	0	0		Hail (0.75)
Pennington County Rapid City	22	1358MST			0	0	0		Hail (1.00)
Jackson County 3 E Kadoka	23	1355MST			0	0	0		Hail (0.75)
Haakon County 13 SW Milesville	23	1445MST			0	0	0		Hail (1.50)
Lawrence County 2 S Dumont	25	1332MST			0	0	0		Hail (0.75)
Lawrence County 13 S Lead	25	1340MST 1356MST			0	0	0		Hail (1.75)
Pennington County 2 WNW Rochford	25	1403MST			0	0	0		Hail (0.75)
Shannon County 10 WSW Kyle	25	1827MST			0	0	0		Hail (0.75)
Shannon County Kyle	25	1854MST			0	0	0		Hail (1.00)
Haakon County 12 NE Philip	28	0230MST			0	0	0		Hail (0.88)
Custer County 11 E Custer	28	1330MST			0	0	0		Hail (0.88)
Pennington County 21 S Wall	28	1640MST			0	0	0		Hail (0.75)
Shannon County 18 N Kyle	28	1640MST			0	0	0		Hail (0.75)

WYOMING, Northeast

Weston County 1 E Newcastle to 3 E Newcastle	01 08	0000MST 1700MST			0	0	0		Lightning
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Lightning ignited a fire east of Newcastle in Weston County. This fire blew up and crossed the state line into Custer County in South Dakota. The fire began in Weston County, Wyoming, however most of the 26,800 acres burned occurred across the state line in South Dakota.

Campbell County Wright to 10 N Gillette	04 07	1047MST 2359MST			0	0	0		Lightning
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During the 3 day period from the 4th through the 7th, lightning started 12 fires across Campbell County. Most of the fires burned between 1/2 and 5 acres, burning a total of 30 acres.



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August 2001

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					Killed	Injured	Property	Crops	

WYOMING, Northeast

Weston County

Upton	08	1555MST 1605MST			0	0	0		Hail (0.75)
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Weston County

Upton	08	1555MST			0	0	10K		Thunderstorm Wind (G58)
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Part of a roof was blown off a house and into a neighbor's garage.

Weston County

Osage	08	1638MST			0	0	0		Thunderstorm Wind (G52)
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Weston County

3 N Newcastle	08	1647MST			0	0	0		Hail (0.75)
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Crook County

3 NE Moorcroft	15	1100MST			0	0	0		Lightning
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Lightning ignited a fire around Keyhole Reservoir. The fire burned 172 acres

Campbell County

Gillette	27	2030MST			0	4	50K		Thunderstorm Wind (G52)
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Thunderstorm wind gusts blew over a fifth-wheel trailer. Four injuries (direct) occurred to the four occupants of the trailer. The injured people were treated and released from a local hospital. The trailer was not tied, or had its wheels blocked, and awnings were extended. The trailer landed on an auto parked beside it.